Comments

Riverside Drive Recreation Field Improvements revised January 13, 2016.

1. The finish grades shown on the Site Improvement Plan and the Erosion & Sedimentation Control Plan (sheets 2 and 3 respectively) do not appear to adequately show or indicate how the proposed parking lot will shed water westerly across the lot to the drains at the northerly portion and to the drainage swale along the southerly portion between the east side of the lot and Long Hill Road. The plans should at least show a "297" elevation finished contour within the new parking area which positively indicates a finish surface which will shed and not pond runoff or create depression "birdbaths" within the lot. Augmenting a finish "297" elevation contour with finish spot elevations at the corners and angles around the perimeter of the lot are also suggested.

2. Permanent Vegetative Cover (Sheet Five)
   How were the rates for ground limestone and 10-10-10 fertilizer applications determined without applicable soil nutrient testing? Why 10-10-10 fertilizer? I am aware that testing analysis for soil nutrients was not done by CLA. These tests are invaluable, inexpensive and easily obtained. I submitted samples to UCONN Soil Testing Lab for organic matter determination, pH and N, P, K analysis on Friday. Limestone applications should not exceed 50lb/1000 square to the soil surface at one time, unless it is tilled in. Rather several smaller amounts should be applied. Sufficient nitrogen fertilization is essential to optimal growth in newly established fields. The Town will not need to be purchase topsoil for this project; as such, we have the opportunity to assure the criteria for best management practices are established prior to construction and maintained during the first two growing seasons.

3. Rich Calara from Hebron Parks and Recreation Department has offered to help Committee with seed selection and our fertilization/soil amendment program. The Committee should avail itself with his generous offer of guidance and recommendations. I agree with Dan Adanti that we need stronger language regarding seed selection.

Response to Questions and Answers

1. **What is the exact amount of topsoil to be removed and stored on site?**
The option for reverse tilling was presented for the first time to the Committee at the March 10th meeting. The significant savings from this option of approximately $30,000 would be more than sufficient to pay for the septic system design and installation. Reverse tilling would not require the transport of the estimated 4,000 CY of topsoil and subsequent stockpiling and protection from flood waters.

2. **Remove all trees on the side of the complex next to the parking lot.**
I agree with Ken Romeo. The vegetation should be removed with the exception of the two large evergreen trees nearer to the river. The plantings are sparse, with no valuable ornamental species, and unattractive If a shade providing border is required or desired, then better suited cultivars should be selected.

3. **Organic matter establishment**
Rich Calarco suggested tilling nutrient rich compost into the topsoil as was done in Hebron. He also knows an excellent compost source from a farm in Hebron. The compost would increase the soil's water holding capacity as well as increase soil nutrient availability. Compost would be preferable to humus.